

Title (en)

AN OPERATING ARRANGEMENT FOR AN ELECTRICALLY OPERATED WINDOW SCREENING DEVICE

Title (de)

SYSTEM ZUR BEDIENUNG EINES FENSTERROLLOS DURCH EINEN ELEKTROMOTOR

Title (fr)

SYSTEME POUR FAIRE FONCTIONNER UN DISPOSITIF DU TYPE STORE DE FENETRE ACTIONNE PAR UN MOTEUR ELECTRIQUE

Publication

EP 0804675 B1 19990331 (EN)

Application

EP 96900290 A 19960117

Priority

- DK 9600027 W 19960117
- DK 5495 A 19950118

Abstract (en)

[origin: WO9622447A1] By the invention, there is procured an operating arrangement for an electrically operated window screening device of the type comprising a flexible screening body (1) which is rolled up on a roller (2) positioned in or at an upper horizontal main frame or sash member of the window and in a free end is connected with a bottom rail (4) extending in the width of the window. The operating arrangement comprises, for moving the screening body in one direction, a cord or string-formed pull-element (12, 13; 24) acting on the screening body and being wound on a winding device (11; 22, 23) positioned at a lower main frame or sash member and with an accompanying electrical drive motor (9). For moving the screening body (1) in an unrolling direction, the pull-element (12, 13; 24) is from the winding device guided along both opposite main frame or sash side sections of the window for connection with said bottom rail (4), whereas the movement of the screening body in the opposite rolling up direction is in a manner known per se effected by means of a spring force acting on said roller (2) during simultaneous unwinding of the pull-element from the winding device. As a special advantage, the pull-element (12, 13; 24) may be connected with a separate bar profile (5) designed for after-mounting on a bottom rail (4) for a screening device already installed.

IPC 1-7

E06B 9/82

IPC 8 full level

E06B 9/262 (2006.01); **E06B 9/56** (2006.01); **E06B 9/32** (2006.01); **E06B 9/40** (2006.01); **E06B 9/60** (2006.01); **E06B 9/62** (2006.01); **E06B 9/70** (2006.01); **E06B 9/72** (2006.01); **E06B 9/82** (2006.01); **E06B 9/84** (2006.01); **E06B 9/88** (2006.01)

CPC (source: EP US)

E06B 9/60 (2013.01 - EP US); **E06B 9/70** (2013.01 - EP US); **E06B 9/88** (2013.01 - EP US)

Cited by

DE102007012259A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9622447 A1 19960725; AT E171756 T1 19981015; AT E178385 T1 19990415; AU 4385396 A 19960807; AU 4385496 A 19960807; AU 704154 B2 19990415; CA 2208882 A1 19960725; CA 2209879 A1 19960725; CN 1099521 C 20030122; CN 1173906 A 19980218; CZ 224497 A3 19980318; CZ 291564 B6 20030416; DE 69600722 D1 19981105; DE 69600722 T2 19990602; DE 69601921 D1 19990506; DE 69601921 T2 19991202; DK 0804675 T3 19991011; DK 171579 B1 19970127; DK 5495 A 19960719; EA 000115 B1 19980827; EA 199700113 A1 19971230; EP 0804674 A1 19971105; EP 0804674 B1 19980930; EP 0804675 A1 19971105; EP 0804675 B1 19990331; ES 2124077 T3 19990116; ES 2130778 T3 19990701; HU 223388 B1 20040628; HU P9800271 A2 19980528; HU P9800271 A3 20000228; JP 3715318 B2 20051109; JP 3773953 B2 20060510; JP H10512341 A 19981124; JP H10512342 A 19981124; MX 9705127 A 19980731; NZ 298380 A 19990429; PL 181317 B1 20010731; PL 321189 A1 19971124; SK 96197 A3 19980114; US 5860463 A 19990119; US 5915447 A 19990629; WO 9622446 A1 19960725

DOCDB simple family (application)

DK 9600027 W 19960117; AT 96900289 T 19960117; AT 96900290 T 19960117; AU 4385396 A 19960117; AU 4385496 A 19960117; CA 2208882 A 19960117; CA 2209879 A 19960117; CN 96191816 A 19960117; CZ 224497 A 19960117; DE 69600722 T 19960117; DE 69601921 T 19960117; DK 5495 A 19950118; DK 9600026 W 19960117; DK 96900290 T 19960117; EA 199700113 A 19960117; EP 96900289 A 19960117; EP 96900290 A 19960117; ES 96900289 T 19960117; ES 96900290 T 19960117; HU P9800271 A 19960117; JP 52198196 A 19960117; JP 52198296 A 19960117; MX 9705127 A 19970708; NZ 29838096 A 19960117; PL 32118996 A 19960117; SK 96197 A 19960117; US 84995297 A 19970616; US 86042397 A 19970624